

Purchasing Receipts

PO No	Supplier	Line Item No	Ref No	Terms	Purchased Item	Description	Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total	Supplier Name
PO44140	MEC002-VU	1	1	Net 30	M7075T6S1.000X2.500	7075-T6S Sheet 1/8" Thick Plate X 2.5"				12	11/19/2018	12	S129442	Stock	11/19/2018	\$ 25.25 / ft	1	\$304.01	Metaux Castle		
		2			M7075T6S1.000X5.000	7075-T6 Sheet 1/8" Thick Plate X 5"				24		12	S129443	Stock	11/19/2018	\$ 39.75 / ft	1	\$478.59	Metaux Castle		
		3			M7075T6S1.000X8.000	7075-T6 Sheet 1.000" X 8.000"				12		12	S129446	Inactive	11/19/2018	\$ 39.75 / ft	1	\$478.59	Metaux Castle		
										12		12	S129444	Stock	11/19/2018	\$ 62.25 / ft	1	\$749.49	Metaux Castle		

11/20/2018

Print

PO No	Supplier Item No	Line Item No	Rel Terms	Purchased Item	Description	For Part No	Project ID	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging/Unit Days	Past Due	Total	Supplier Name
	6			M7075T6S6.000X1.000	7075-T6S				24		24	S120445	Stock	11/19/2018	\$ 46.75 / ft		1	\$1,125.74	Metaux Castle	
Sheet 6"" Thick Plate X 1"" Wide : MATERIAL: 7075-T6/T62 ALUMINUM SHEET AS PER QQ-A- 250/12 OR AMS-QQ-A- 250/12 OR AMS 4045 OR ASTM B209 receive it																				
Total:																			72	\$3,136.42

Plex 11/30/2018 11:28 AM (dat.Tollis.Andrew)



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO041410

Supplier: MEC002-VU
Metaux Castle
P.O. Box 4090 Stn A
Toronto
ON
M5W 0E9 Canada

PO No: PO041410
PO Date: 10/22/18
Due Date: 11/14/18
Purchase Order Revision:
Revision Date:
Ship-To Contact: Phone:
Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

E-MAILED
OCT 23 2018

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1 AT		M7075T6S1.000X2.500		7075-T6S Sheet 1" Thick Plate X 2.5" Wide : MATERIAL: 7075- T6/T62 ALUMINUM SHEET AS PER QQ-A- 250/12 OR AMS-QQ-A- 250/12 OR AMS 4045 OR ASTM B209 receive ft	Firmed -		11/14/18	12 ft	0 ft 12 ft 12.04 ft	12 ft AT 18/11/20	\$25.25/ft	\$303.00
2 AT		M7075T6S1.000X5.000		7075-T6 Sheet 1" Thick Plate X 5" Wide : MATERIAL: 7075- T6/T62 ALUMINUM SHEET AS PER QQ-A- 250/12 OR AMS-QQ-A- 250/12 OR AMS 4045 OR ASTM B209 receive ft	Firmed -		11/14/18	24 ft	0 ft 24 ft 24.08 ft	24 ft AT 18/11/20	\$39.75/ft	\$954.00



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO041410

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
3		M7075T6S1.000X8.000		7075-T6 Sheet 1.000" X 8.000" : MATERIAL: 7075-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/12 OR AMS-QQ-A-250/12 OR AMS 4045 OR ASTM B209 receive ft	Firmed -		11/14/18	12 ft	0 ft	12 ft	\$62.25/ft	\$747.00
4		M7075T6S1.750X2.250		7075-T6 Sheet 1.750" X 2.250" : MATERIAL: 7075-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/12 OR AMS-QQ-A-250/12 OR AMS 4045 OR ASTM B209 receive ft	Firmed -		11/22/18	36 ft	0 ft	36 ft	\$34.18/ft	\$1,230.48
5		M7075T6S1.750X3.000		7075-T6 Sheet 1.750" X 3.000" : MATERIAL: 7075-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/12 OR AMS-QQ-A-250/12 OR AMS 4045 OR ASTM B209 receive ft	Firmed -		11/22/18	12 ft	0 ft	12 ft	\$47.20/ft	\$566.40



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO041410

Items												
Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
6 <i>A1</i>		M7075T6S6.000X1.000		7075-T6S Sheet 6" Thick Plate X 1" Wide : MATERIAL: 7075- T6/T62 ALUMINUM SHEET AS PER QQ-A- 250/12 OR AMS-QQ-A- 250/12 OR AMS 4045 OR ASTM B209 receive ft	Firmed -		11/14/18	24 ft	0 ft <i>✓ 24.08 ft</i>	24 ft <i>At 18/14/20</i>	\$46.75/ft	\$1,122.00

Grand Total: \$4,922.88

Order Notes

- Procurement Quality Clauses
- A005 right of entry
- A012 chemical and physical test report
- A016 personnel qualification
- A017 raw material identification (as applicable)
- A026 certification of material conformance
- A041 quality management system
- A042 dart notification by supplier
- A043 retention of quality documents
- A048 counterfeit parts avoidance, detection, mitigation and disposition program
- A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 10/22/18 12:38 PM dart.lavoie.chantal



CERTIFIED TEST REPORT
Constellium Rolled Products
Ravenswood, LLC

SHIP TO

A M CASTLE & COMPANY
4175 ROYAL DRIVE
KENNESAW GA
30144
US

SOLD TO

A M CASTLE
1420 KENSINGTON ROAD, SUITE 220
OAK BROOK IL
60523
US

A M CASTLE 110550666 4075 INCLUSION Serial:20170703-0110550666 Pg 1 of 3

CUSTOMER PURCHASE ORDER NO. & ITEM 426116				Constellium ORDER NO. 209343		CERTIFICATION "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination." Constellium Rolled Products Ravenswood, LLC 859 Century Road P.O. BOX 68 RAVENSWOOD, WV 26164 USA 
ALLOY 7075	CLAD	TEMPER T651	GAUGE 1.00000 in 25.40 mm	WIDTH 48.50000 in 1,232 mm	LENGTH 144.50000 in 3,670 mm	
ITEM ORDERED SPEC PLATE, SAWED MILL FINISH						
CUSTOMER SPECIFICATION AMS 4045K						
PART NUMBER 752188	B/L NUMBER 83324		DATE SHIPPED 07/03/2017			Steve Good - Laboratory Manager
WT. SHIPPED 4320.000 LB	NO. OF PIECES 000006	GOVT. CONTRACT NO.				

ALL LOTS ON THIS CERTIFICATION ALSO CONFORM TO THE FOLLOWING REQUIREMENTS:

ASTM B594 REV 13 2013 100% SONIC W/ 0.125" DEADZONE Class A
 AMS QQ-A-250/12A
 AMS-STD-2154A 2012 TYPE1 CLASS A 100% SONIC MINUS DEADZONE
 ASTM B209-14
 BSS-7055B 2013 CLASS A 100% SONIC TESTED MINUS DEADZONE
 CSTI006 REV E 2011 CLASS A 100% SONIC MINUS DEADZONE
 DPS 4.713 REV AK 2012 CLASS A 100% SONIC MINUS DEADZONE
 GAMP5 9101 REV B 2006 CLASS A 100% SONIC MINUS DEADZONE
 PS 21211P 2010 CLASS A 100% SONIC MINUS DEADZONE

Load Details

Package	Net Lbs	Kg	Lot	Piece	Serial	Parent Lot
1001556284	720.000	326.586	9392367	01		
1001556284	720.000	326.586	9392367	02		
1001556284	720.000	326.586	9392367	03		
1001556285	720.000	326.586	9392368	01		
1001556285	720.000	326.586	9392368	02		
1001556285	720.000	326.586	9392368	03		

Lot: 9392367

Tensile - Room Temperature (US)

Direction	Tests	Ultimate (KSI)		Yield (KSI)		Elongation (%)		Report
		Min	Max	Min	Max	Min	Max	
LT	02	82.6	82.9	73.7	73.9	12.5	13.0	



Constellium



CERTIFIED TEST REPORT
Constellium Rolled Products
Ravenswood, LLC

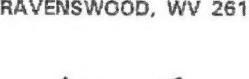
SHIP TO

A M CASTLE & COMPANY
4175 ROYAL DRIVE
KENNESAW GA
30144
U.S.

S O L O T O

A M CASTLE
1420 KENSIN
OAK BROOK
60523
US

AM CASTLE 110550666 4075 INCLUSION Serial:20170703-0110550666 Pg 2 of 3

CUSTOMER PURCHASE ORDER NO. & ITEM 426116				Constellium ORDER NO. 209343	
ALLOY 7075	CLAD	TEMPER T651	GAUGE 1.00000 in 25.40 mm	WIDTH 48.50000 in 1,232 mm	LENGTH 144.50000 in 3,670 mm
ITEM ORDERED SPEC PLATE, SAWED MILL FINISH					
CUSTOMER SPECIFICATION AMS 4045K					
PART NUMBER 752188		B/L NUMBER 83324		DATE SHIPPED 07/03/2017	
WT. SHIPPED 4320.000 LB		NO. OF PIECES 000006		GOVT. CONTRACT NO.	
<p style="text-align: right;">CERTIFICATION</p> <p>"Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination."</p> <p>Constellium Rolled Products Ravenswood, LLC 859 Century Road P.O. BOX 68 RAVENSWOOD, WV 26164 USA</p>  <p>Steve Good - Laboratory Manager</p>					

Steve Land

Steve Good - Laboratory Manager

Tensile - Room Temperature (SI)				Yield (N/MM2)		Elongation (%)		Report
Direction	Tests	Ultimate (N/MM2)		Min	Max	Min	Max	
LT	02	570		508	510	12.5	13.0	

Chemistry (Actual)

	SI	FE	CU	MN	MG	CR	ZN	TI	ZR
Core	0.05	0.12	1.48	0.03	2.62	0.22	5.56	0.03	0.00

OTHERS-EACH: .05 MAX. OTHERS TOTAL: .15 MAX. AL REMAINDER

All material contained in this lot was cast and manufactured in the USA

Lot: 9392368

Tensile - Room Temperature (US)

		Ultimate (KSI)		Yield (KSI)		Elongation (%)		Report
Direction	Tests	Min	Max	Min	Max	Min	Max	
LT	02	81.9	83.1	72.1	73.6	13.0	14.5	



CERTIFIED TEST REPORT
Constellium Rolled Products
Ravenswood, LLC

A M CASTLE & COMPANY
4175 ROYAL DRIVE
KENNESAW GA
30144
US

SOLD TO

A M CASTLE
1420 KENSINGTON ROAD, SUITE 220
OAK BROOK IL
60523
US

AM CASTLE 110550666 4075 INCLUSION Serial:20170703-0110550666 Pg 3 of 3

CUSTOMER PURCHASE ORDER NO. & ITEM 426116				Constellium ORDER NO. 209343	
ALLOY 7075	CLAD	TEMPER T651	GAUGE 1.00000 in 25.40 mm	WIDTH 48.50000 in 1,232 mm	LENGTH 144.50000 in 3,670 mm
ITEM ORDERED SPEC PLATE, SAWED MILL FINISH					
CUSTOMER SPECIFICATION AMS 4045K					
PART NUMBER 752188		B/L NUMBER 83324		DATE SHIPPED 07/03/2017	
WT. SHIPPED 4320.000 LB		NO. OF PIECES 000006		GOVT. CONTRACT NO.	

CERTIFICATION
 "Constellium Rolled Products, hereby certifies that
 metal shipped under this order has been
 inspected and found in conformance with the
 requirements of the applicable specifications as
 indicated herein. Any warranty is limited to that
 shown on Constellium Rolled Products' standard
 General Terms and Conditions of Sales. Test
 reports are on file, subject to examination."
 Constellium Rolled Products Ravenswood, LLC
 859 Century Road
 P.O. BOX 68
 RAVENSWOOD, WV 26164 USA



Steve Good - Laboratory Manager

Tensile - Room Temperature (SI)

		Ultimate (N/mm ²)		Yield (N/mm ²)		Elongation (%)		Report
Direction	Tests	Min	Max	Min	Max	Min	Max	
LT	02	565	573	497	507	13.0	14.5	

Chemistry (Actual)

	SI	FE	CU	MN	MG	CR	ZN	TI	ZR
Core	0.05	0.12	1.48	0.03	2.62	0.22	5.56	0.03	0.00

All material contained in this lot was cast and manufactured in the USA

**QUALITY TEXTS:
AMC CA-15403 R 8**

THIS TEST REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE LABORATORY OR AUTHORIZED QUALITY DELEGATE. THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATE MAY BE PUNISHED AS A FELONY UNDER FEDERAL LAW.

CHEMISTRY BY OES: ARKSPARK

CHEMISTRIES REPORTED IN PERCENTAGE BY WEIGHT

WHEN FRACTURE TOUGHNESS TEST REQUIRED, TESTED PER ASTM E399

WHEN TENSILE TEST REQUIRED, TESTED PER ASTM E8; B557

DUNS Number: 090570149; CAGE Code: 1YWL9

DOE Number: 090570149; SAGE Code: 14WES
Mercury is not a normal contaminant in aluminum alloys and neither mercury nor any of its compounds were utilized in the manufacture of our product.



PACKING SLIP/
CERTIFICATE OF CONFORMANCE

A. M. Castle & Co.

Page 1 of 1

Shipment No:3757933

Ship From:	Sold To:	Ship To:	Deliver To:	
A. M. CASTLE & CO. 2150 ARGENTIA ROAD MISSISSAUGA, ON L5N 2K7 CAN	DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CAN	DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	
Date Shipped	F.O.B.	Freight Terms	Carrier	BOL No
15-NOV-18	ORIGIN	Prepaid	MANITOULIN	3757933-2
Shipment Details	Final Destination Branch - TOR			
Order No	Line No	Item No	Description	
5295296	1	752188.MO	1.0000.PL.7075.T651.ALUMINUM.USI.48.5000.144.5000 CUT 2SIDED TO 2.5 IN (+ .1250/- .0000 IN) X 144.5 IN (+ .1250/- .0000 IN) - ALUMINUM PLATE SAW SPECIFICATIONS: AMS-QQ-A-250/12	
Purchase Order No	Part Number	Ordered Qty	Invoice Qty	
41410		1.00 PCS	1.00 PCS	
Details	ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #'S Email P's and certs to: clavoie@dartaero.com END USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS			
Delivery No.	Mill/Source	Heat Number	Mech Id	PCS
122354989	CONSTELLIUM ROLLED PRODUCTS	 19392368	1	37.6174

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment date. Material cut to the correct size, or material cut by the customer, cannot be returned.
Reviewed by Authorized Castle Metals Representative:
NOV 15 2018 Date: Name:

Lh8Sh99G

SPECIFICATION CONTROL DRAWING

△ PURCHASE MATERIAL: M7075-T6/T62/T651 ALUMINUM SHEET OR PLATE

SPECIFICATION:
QQ-A-250/12 OR AMS-QQ-A-250/12
OR AMS 4045
OR ASTM B209

OR

△ PURCHASE MATERIAL: M7075-T6/T62/T651 ALCLAD ALUMINUM SHEET OR PLATE

SPECIFICATION:
QQ-A-250/13 OR AMS-QQ-A-250/13
OR AMS 4048 / 4049
OR ASTM B209

△ PART NUMBER:

M7075T6S | TTT | X | W.WWW |

| THK | | WIDTH |

WHERE "TTT" = THICKNESS (IN INCHES)
AND "W.WWW" = WIDTH (IN INCHES, OPTIONAL, FOR SPECIFYING CUT PLATE)

EG. 0.063" THICK SHEET = M7075T6S.063

EG. 3.5" WIDE BY 0.500" THICK PLATE = M7075T6S.500X3.500

△ PREFERRED SIZE:

.TTT BY 4FT BY 10FT FOR SHEET

RELEASED

2017 JUN 19 q
ECN 17-574

B	ADD REF TO PLATE: "T651" TEMPER, AMS 4043, OR AMS 4045 OR ASTM B209		GP	17.05.05
A	NEW ISSUE		RF	10.11.08
	REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE LTD		
DRAWN	CP	HAWKESBURY, ONTARIO, CANADA		
CHECKED	ML	DRAWING NO.		
MFG. APPR.	LL	M7075T6S		
APPROVED	WM	TITLE		
DE APPR.	D-	7075-T6 SHEET/PLATE SPEC		
DATE	17.05.05	SCALE		

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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M7075T651.000x2.500
 DATE: 18/11/20

PO / BATCH NO.: P0041410/S129442

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 12.04 ft
 QUANTITY INSPECTED: 12.04 ft
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.000"
 THICKNESS RECEIVED: 1.000"
 SHEET SIZE ORDERED: —
 SHEET SIZE RECEIVED: —

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <u>(N)</u>	
CORRECT FINISH	Y <u>(Y)</u> N	
CORROSION	Y <u>(N)</u>	
CORRECT GRAIN DIRECTION	Y <u>(Y)</u> N	
CORRECT MATERIAL PER M-DRAWING	Y <u>(Y)</u> N	AMS 4045
CORRECT THICKNESS	Y <u>(Y)</u> N	
PHOTO REQUIRED	Y <u>(N)</u>	
CORRECT REF # TO LINK CERT	Y <u>(Y)</u> N	LT. 9392368
CORRECT MATERIAL IDENTIFICATION	Y <u>(Y)</u> N	
CORRECT M# ON THE MATERIAL	Y <u>(Y)</u> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <u>(N)</u>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <u>(N)</u>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>AT</u>	SIGNED OFF BY: _____
DATE: <u>18/11/20</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



PACKING SLIP/
CERTIFICATE OF CONFORMANCE

A. M. Castle & Co.

3757933

Page 1 of 1

Shipment No:3757933

Ship From:		Sold To:		Ship To:		Deliver To:	
A. M. CASTLE & CO. 2150 ARGENTIA ROAD MISSISSAUGA, ON L5N 2K7 CAN		DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA		DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CAN		DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	
Date Shipped	F.O.B.	Freight Terms	Carrier	BOL No			
15-NOV-18	ORIGIN	Prepaid	MANITOULIN	3757933-2			
Shipment Details				Final Destination Branch - TOR			
Order No	Line No	Item No	Description	Ordered Qty	Invoice Qty		
5295296	3	752188.MO	1.0000.PL.7075.T651.ALUMINUM.USI.48.5000.144.5000 CUT 2SIDED TO 8 IN (+ .1250/- .0000 IN) X 144.5 IN (+ .1250/- .0000 IN) - ALUMINUM PLATE SAW SPECIFICATIONS: AMS-QQ-A-250/12	1.00 PCS	1.00 PCS		
Purchase Order No	Part Number						
41410							
Details	ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #'S Email P/s and certs to: clavoie@dartaero.com END USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS						
Delivery No.	Mill/Source	Heat Number	Mech Id	PCS	Width (IN)	Length (IN)	Shipped Qty(LBS)
122354989	CONSTELLUM ROLLED PRODUCTS		1				120.3757

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned for credit.

Reviewed by Authorized Castle Metals Representative:

NOV 15 2018

Date:

Name: KALOUS

Date Printed: 15-NOV-2018 03:00:57 PM



SPECIFICATION CONTROL DRAWING

△ PURCHASE MATERIAL: M7075-T6/T62/T651 ALUMINUM SHEET OR PLATE

SPECIFICATION: QQ-A-250/12 OR AMS-QQ-A-250/12
OR AMS 4045
OR ASTM B209

OR

△ PURCHASE MATERIAL: 7075-T6/T62/T651 ALCLAD ALUMINUM SHEET OR PLATE

SPECIFICATION: QQ-A-250/13 OR AMS-QQ-A-250/13
OR AMS 4048 / 4049
OR ASTM B209

△ PART NUMBER:

M7075T6S | TTT | X | WWWWW |

| THK | | WIDTH |

WHERE "TTT" = THICKNESS (IN INCHES)
AND "WWW" = WIDTH (IN INCHES, OPTIONAL, FOR SPECIFYING CUT PLATE)

EG. 0.063" THICK SHEET = M7075T6S 063

EG. 3.5" WIDE BY 0.500" THICK PLATE = M7075T6S 500X3.500

△ PREFERRED SIZE:

.TTT BY 4FT BY 10FT FOR SHEET

RELEASED

2017 JUN 19 Q/
ECN Y-574

B	ADD REF TO PLATE: "T651" TEMPER, AMS 4048, OPTIONAL W/THD (CAR 16-149)		CP	17 05 05
A	NEW ISSUE		RF	10 11 08
REV	DESCRIPTION	BY DATE		
DESIGN	RF	DRAWN	DART AEROSPACE LTD	
CHECKED	CP	ML	HAWKESBURY, ONTARIO, CANADA	REV B
MFG. APPR.	LL	APPROVED	WM	SHEET 1 OF 1
				SCALE
				1:1
				Copyright © 2017 DART AEROSPACE LTD
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APPROVED

DS-A

DATE 17 05 05

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M70757651.000x8.000
 DATE: 18/11/20

PO / BATCH NO.: P0041410/S129444

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 12.04 Lf
 QUANTITY INSPECTED: 12.04 ft
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.00 "
 THICKNESS RECEIVED: 1.00 "
 SHEET SIZE ORDERED: —
 SHEET SIZE RECEIVED: —

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <u>(N)</u>	
CORRECT FINISH	Y <u>(N)</u>	
CORROSION	Y <u>(N)</u>	
CORRECT GRAIN DIRECTION	Y <u>(N)</u>	
CORRECT MATERIAL PER M-DRAWING	Y <u>(N)</u>	AMS 4095
CORRECT THICKNESS	Y <u>(N)</u>	
PHOTO REQUIRED	Y <u>(N)</u>	
CORRECT REF # TO LINK CERT	Y <u>(N)</u>	HT: 9392368
CORRECT MATERIAL IDENTIFICATION	Y <u>(N)</u>	
CORRECT M# ON THE MATERIAL	Y <u>(N)</u>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <u>(N)</u>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <u>(N)</u>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>AT</u>	SIGNED OFF BY: _____
DATE: <u>18/11/20</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



PACKING SLIP/
CERTIFICATE OF CONFORMANCE

A. M. Castle & Co.

PAGE 1 OF 1

Page 1 of 1

Shipment No:3757933

Ship From:	Sold To:	Ship To:	Deliver To:	
A. M. CASTLE & CO. 2150 ARGENTIA ROAD MISSISSAUGA, ON L5N 2K7 CAN	DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CAN	DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CAN	DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CAN	
Date Shipped	F.O.B.	Freight Terms	Carrier	BOL No
15-NOV-18	ORIGIN	Prepaid	MANITOULIN	3757933-2

Shipment Details

Purchase Order No		Part Number		Final Destination Branch - TOR			
Order No	Line No	Item No	Description				
5295296	2	752188.MO	1.0000.PL.7075.T651.ALUMINUM.USI.48.5000.144.5000 CUT 2SIDED TO 5 IN (+ .1250/- .0000 IN) X 144.5 IN (+ .1250/- .0000 IN) - ALUMINUM PLATE SAW SPECIFICATIONS: AMS-QQ-A-250/12				
Details	41410	Ordered Qty	Invoice Qty	2.00 PCS	2.00 PCS		

ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY
 ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #'S
 Email P/s and certs to: clavoie@dartaero.com
 END USER: DART AEROSPACE
 END USE: COMMERCIAL AIRCRAFT PARTS

Delivery No.	Mil/Source	Heat Number	Mech Id	PCS	Width (IN)	Length (IN)	Shipped Qty(LBS)
122354989	CONSTELLUM ROLLED PRODUCTS	 9 3 9 2 3 6 8	2				150.4697

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by customer cannot be returned for credit
 Reviewed by: Authorized Castle Metals Representative:

NOV 15 2018

Date:

State: KALOUS

STEEL METALS
SPECIALISTS
4-00510

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL M7075-T6/T65 ALUMINUM SHEET OR PLATE

SPECIFICATION: QQ-A-250/12 OR AMS-QQ-A-250/12
OR AFRAMS 4045
OR ASTM B209

OR

PURCHASE MATERIAL M7075-T6/T65 ALCLAD ALUMINUM SHEET OR PLATE

SPECIFICATION: QQ-A-250/13 OR AMS-QQ-A-250/13
OR AFRAMS 4048 / 4049
OR ASTM B209

PART NUMBER:

M7075T6S | TTT | THK | WWWWW |
| WIDTH |

WHERE "TTT" = THICKNESS (IN INCHES)
AND "WWW" = WIDTH (IN INCHES, OPTIONAL, FOR SPECIFYING CUT PLATE)

EG. 0.083" THICK SHEET = M7075T6S.063

EG. 3.5" WIDE BY 0.50" THICK PLATE = M7075T6S.500X3.500

PREFERRED SIZE:

.TTT BY 4FT BY 10FT FOR SHEET

RELEASED
2017 JUN 19 q
ECN 17-579

APPROVED		DRAWN		CHECKED		MFG. APPR.		DE APPR.		DATE	
DESIGN	RF	CP	ML	LL	WM	LL	WM	LL	WM	DATE	REV. B
B	ADD REF TO PLATE: "T65" TEMPER, AMS 4048. OPTIONAL WIDTH DIM (CARBON)	CP	17.05.05	CP	17.05.05	CP	17.05.05	CP	17.05.05	CP	17.05.05
A	NEW ISSUE	.....	.....	.....	.....	.....	.....	.....	.....	RF	10.11.08
	REV. DATE									BY	DATE

A		DART AEROSPACE LTD		HAWKESBURY, ONTARIO, CANADA		REV. B		SCALE		REVISIONS	
		DRAWING NO.		TITLE							
		DESIGN	RF	CP	ML	APPROVED	DE APPR.	CP	17.05.05	17.05.05	COPYRIGHT © 2009 BY DART AEROSPACE LTD
		DRAWN	REV.	CP	LL	APPROVED	DE APPR.	CP	17.05.05	17.05.05	ALL DRAWINGS ARE IN INCHES

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M70757651.00x5.00
 DATE: 18/11/20

PO / BATCH NO.: P0041410/5129443

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 24.034t
 QUANTITY INSPECTED: 24.084t
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.000"
 THICKNESS RECEIVED: 1.000"
 SHEET SIZE ORDERED: -
 SHEET SIZE RECEIVED: -

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
CORROSION	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/> <input type="checkbox"/> N	<u>AMS 4045</u>
CORRECT THICKNESS	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
PHOTO REQUIRED	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> <input type="checkbox"/> N	<u>HT: 9392368</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/> <input type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>AT</u>	SIGNED OFF BY: _____
DATE: <u>18/11/20</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



PACKING SLIP/
CERTIFICATE OF CONFORMANCE

A. M. Castle & Co.

Page 1 of 1

Shipment No:3757933

Ship From:	Sold To:	Ship To:	Deliver To:
A. M. CASTLE & CO. 2150 ARGENTIA ROAD MISSISSAUGA, ON L5N 2K7 CAN	DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CAN	DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA

Date Shipped	F.O.B.	Freight Terms	Carrier	BOL No
15-NOV-18	ORIGIN	Prepaid	MANITOULIN	3757933-2

Shipment Details		Final Destination Branch - TOR			

Order No	Line No	Item No	Description
5295296	4	752188.MO	1.0000.PL.7075.T651.ALUMINUM.USI.48.5000.144.5000 CUT 2SIDED TO 6 IN (+ .1250/- .0000 IN) X 144.5 IN (+ .1250/- .0000 IN) - ALUMINUM PLATE SAW SPECIFICATIONS: AMS-QQ-A-250/12
Purchase Order No	Part Number	Ordered Qty	Invoice Qty
41410		2.00 PCS	2.00 PCS
Details	ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #'S Email P/s and certs to: clavoier@dartaero.com END USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS		

Delivery No.	Mill/Source	Heat Number	Mech Id	PCS	Width (IN)	Length (IN)	Shipped Qty(LBS)
122354989	CONSTELLUM ROLLED PRODUCTS	 19392368		2			180.5636

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer, cannot be returned for credit.
Reviewed by Authorized Castle Metals Representative:  STEVE KALOUS

NOV 15 2018

Date Printed: 15-NOV-2018 03:00:57 PM

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M70757656.00 x 1.000
 DATE: 18/14/20

PO / BATCH NO.: P0041410/S129445

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 24.00 ft
 QUANTITY INSPECTED: 24.08 ft
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.000"
 THICKNESS RECEIVED: 1.000"
 SHEET SIZE ORDERED: -
 SHEET SIZE RECEIVED: -

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	N	
CORRECT FINISH	Y	N	
CORROSION	Y	N	
CORRECT GRAIN DIRECTION	Y	N	
CORRECT MATERIAL PER M-DRAWING	Y	N	AMS 4045
CORRECT THICKNESS	Y	N	
PHOTO REQUIRED	Y	N	
CORRECT REF # TO LINK CERT	Y	N	L/T: 9392368
CORRECT MATERIAL IDENTIFICATION	Y	N	
CORRECT M# ON THE MATERIAL	Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>AT</u>	SIGNED OFF BY: _____
DATE: <u>18/14/20</u>	DATE: _____

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